



**PATENT APPLICATION**

MP \$

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application of

Takashi MIYAZAWA

Attn: **Mail Stop Missing Parts**

Application No.: 10/621,610

Filed: July 18, 2003

Docket No.: 116622

For: ELECTRONIC CIRCUIT, DRIVING METHOD FOR ELECTRONIC CIRCUIT,  
ELECTRO-OPTICAL DEVICE, DRIVING METHOD FOR ELECTRO-OPTICAL  
DEVICE, AND ELECTRONIC APPARATUS

**RESPONSE TO NOTICE TO FILE MISSING PARTS WITH DECLARATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

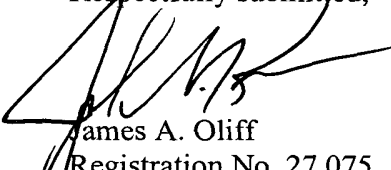
In response to the Notice to File Missing Parts of Application - Filing Date  
Granted (copy attached) mailed on September 4, 2003, submitted herewith is the executed  
Declaration of the inventor. Any specification attached to and referenced in the Declaration is  
a copy of the specification and any amendments thereto which were filed in the Office in  
order to obtain a filing date for the application.

Attached is our Check No. 146299 for ☒\$130.00 ☐\$65.00 (entitlement to  
small entity status is asserted) for the fee under 37 C.F.R. §1.16(e).

Entry of these documents should complete all of the filing formalities and fully  
satisfy all requirements of the Notice to File Missing Parts. Accordingly, examination and  
allowance of this application in due course are respectfully solicited.

The Commissioner is hereby authorized to charge any additional fee (or credit  
any overpayment) associated with this communication to Deposit Account No. 15-0461. Two  
duplicate copies of this paper are attached.

Respectfully submitted,

  
James A. Oliff  
Registration No. 27,075

John S. Kern  
Registration No. 42,719

JAO:JSK/kap  
Date: September 15, 2003

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
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Seiko Epson Ref. No.: F008435US00

Attorney's Ref. No.: 116622

## Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

## Japanese Language Declaration

## 日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は、下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

電子回路、電子回路の駆動方法、電気光学装置、電気光学装置の駆動方法及び電子機器

ELECTRONIC CIRCUIT, DRIVING METHOD FOR ELECTRONIC CIRCUIT, ELECTRO-OPTICAL DEVICE, DRIVING METHOD FOR ELECTRO-OPTICAL DEVICE, AND ELECTRONIC APPRATUS

上記発明の明細書（下記の欄で×印がついていない場合は、本書に添付）は、

the specification of which is attached hereto unless the following box is checked:

☒ 2003年7月18日に提出され、米国出願番号または特許協定条約 国際出願番号を 10/621,610 とし、（該当する場合） \_\_\_\_\_ に訂正されました。

☒ was filed on July 18, 2003 as United States Application Number or PCT International Application Number 10/621,610 and was amended on \_\_\_\_\_ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

## Japanese Language Declaration (日本語宣言書)

私は、米国法典第35編119条(a)-(d)項又は365条(b)項に基づき下記の、米国以外の国の少なくとも1ヶ国を指定している特許協力条約365条(a)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示しています。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

### Prior Foreign Application(s)

外国での先行出願

### Priority Not Claimed

優先権主張なし

<u>2002-223160</u> (Number) (番号)	<u>Japan</u> (Country) (国名)	<u>31/July/2002</u> (Day/Month/Year Filed) (出願年月日)
<u>2003-198129</u> (Number) (番号)	<u>Japan</u> (Country) (国名)	<u>16/July/2003</u> (Day/Month/Year Filed) (出願年月日)

☐
☐

私は、第35編米国法典119条(e)項に基づいて下記の米国特許出願規定に記載された権利をここに主張いたします。

I hereby claim the benefit under Title 35, United States Code, Section 119 (e) of any United States provisional application(s) listed below.

<u>                    </u> (Application No.) (出願番号)	<u>                    </u> (Filing Date) (出願日)	<u>                    </u> (Application No.) (出願番号)	<u>                    </u> (Filing Date) (出願日)
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私は下記の米国法典第35編120条に基づいて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条(c)に基づく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35編112条第1項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願書提出日以降で本出願書の日本国内または特許協力条約国際提出日までの期間中に入手された、連邦規則法典第37編1章56項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365 (c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application:

<u>                    </u> (Application No.) (出願番号)	<u>                    </u> (Filing Date) (出願日)	<u>                    </u> (Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)
<u>                    </u> (Application No.) (出願番号)	<u>                    </u> (Filing Date) (出願日)	<u>                    </u> (Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)

私は、私自身の知識に基づいて本宣言書中で私が行なう表明が真実であり、かつ私が入手した情報と私の信じるところに基づく表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行えば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## Japan se Language D clarification

(日本語宣言書)

委任状： 私は、下記の発明者として、本出願に関する一切の手続きを米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。(弁護士、または代理人の氏名及び登録番号を明記のこと)

James A. Oliff, (Reg. 27,075)  
William P. Berridge, (Reg. 30,024)  
Kirk M. Hudson, (Reg. 27,562)  
Thomas J. Pardini, (Reg. 30,411)  
Edward P. Walker, (Reg. 31,450)  
Robert A. Miller, (Reg. 32,771)  
Mario A. Costantino, (Reg. 33,565)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

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宮澤 貴士

Full name of sole or first inventor

Takashi MIYAZAWA

発明者の署名

日付 2003年8月29日

宮澤 貴士

Inventor's signature

Date August 29, 2003

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Full name of second joint inventor, if any

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日付

Second inventor's signature

Date

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Residence

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国籍

Citizenship

私書箱

Post Office Address

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)